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5(amended). A method according to claim 51 wherein the nucleic acid sequence codes for a fusion protein comprising pre-prochymosin, prochymosin or chymosin.

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B³
7(amended). A method according to claim 51 wherein the pre-prochymosin, prochymosin or chymosin, or a fusion protein thereof, is secreted over the host cell membrane.

8(amended). A method according to claim 51 wherein the expression vector is derived from pGAMpR as described in Ward et al., 1990 by substituting the coding sequence of that vector for bovine prochymosin with a coding sequence for the non-bovine pre-prochymosin, prochymosin or chymosin.

10(amended). A method according to claim 51 wherein the transformed host cell is selected from the group consisting of a bacterial cell, a fungal cell, a yeast cell, a mammalian cell, an insect cell and a plant cell.

13(amended). A method according to claim 51 wherein the yield of pre-prochymosin, prochymosin or chymosin milk clotting activity is at least 25 % higher than the yield of bovine pre-prochymosin, prochymosin or chymosin milk clotting activity obtained when using, under identical production conditions, the same expression vector, but with a coding sequence for bovine pre-prochymosin, prochymosin or chymosin in place of the coding sequence for the non-bovine pre-prochymosin, prochymosin or chymosin.

14(amended). A method according to claim 51 comprising, as a further step, that the harvested pre-prochymosin, prochymosin or chymosin is subjected to a deglycosylation treatment.

B⁶ 35. (amended) A composition comprising a non-bovine pre-prochymosin, prochymosin or chymosin produced by the method of claim 51.

37(amended). A composition according to claim 35 comprising pre-prochymosin, prochymosin or chymosin derived from the group consisting of a *Camelidae* species, a buffalo species, an ovine species or a caprine species.

B⁷ 38(amended). A method of manufacturing cheese, comprising adding a milk clotting effective amount of the composition according to claim 35 to milk and carrying out appropriate further cheese manufacturing steps.

Please add claims 49-51.

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B⁸ 49(new). A DNA construct, the nucleic acid sequence of which comprises a coding sequence coding for an expressible protein which is (I) (a) a non-bovine pre-prochymosin, prochymosin, or chymosin or (b) a fusion protein comprising a core protein which is a pre-prochymosin, prochymosin or chymosin, and cleavable to release said core protein; and

(II) appropriate expression signals, operably linked to said coding sequence, permitting the protein to be expressed in a host cell.

50(new). A host cell transferred with the DNA construct of claim 49, said cell being one in which said expression signals are operable.

51(new). A method of producing a protein of interest selected from the group consisting of non-bovine pre-prochymosin, prochymosin, and chymosin which comprises